

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (cancelled)

2. (currently amended) A helicopter comprising a self extinguishing composite primary structure comprising:

a core formed from an open cell and a thermal insulating material;

said core comprising a plurality of honeycomb cells filled with a fiberglass material;

said core having a first surface and a second surface;

at least one ply of a structural graphite prepeg material bonded to each of said first surface and said second surface; and

each said ply is bonded to each of said first and second surfaces by an epoxy structural film adhesive.

3. (currently amended) A helicopter comprising a self extinguishing composite primary structure comprising:

a core formed from a cellular material and a thermal insulating material;

said core comprising a plurality of honeycomb cells filled with a fire retardant material;

said core having a first surface and a second surface;

at least one ply of a structural graphite prepreg material bonded to each of said first surface and said second surface; and

a plurality of plies of structural graphite prepreg are bonded to each of said first and second surfaces by an epoxy structural film adhesive.

4. (currently amended) A helicopter comprising a self extinguishing composite primary structure according to claim 3, wherein said fire retardant material comprises a fiberglass material.

5. (currently amended) A helicopter comprising a self extinguishing composite primary structure according to claim 2, wherein each said ply is formed from a graphite cloth impregnated with an epoxy resin.

6. (previously presented) A helicopter comprising:

at least one component formed from a self extinguishing composite material, said self extinguishing composite material comprises a core formed from a fire resisting material, which core comprises a plurality of honeycomb cells filled with a fiberglass material and has a first surface and a second

surface, and at least one ply of a structural graphite prepreg material bonded to each of the first surface and the second surface.

7. (original) A helicopter according to claim 6, wherein said at least one component comprises an outer skin panel in a cockpit section of said helicopter.

8. (original) A helicopter according to claim 6, wherein said helicopter has a cabin section and said at least one component comprises an upper cabin door in said cabin section.

9. (original) A helicopter according to claim 6, wherein said helicopter has a cabin section and said at least one component comprises a lower cabin door in said cabin section.

10. (original) A helicopter according to claim 9, wherein said lower cabin door includes a plurality of steps and each of said steps being formed from said self extinguishing composite material.

11. (original) A helicopter according to claim 6, wherein said helicopter has a cabin section and said at least one component comprises at least one floor panel in said cabin section.

12. (original) A helicopter according to claim 6, wherein said helicopter has a cabin section and said at least one component comprises at least one emergency egress hatch in said cabin section.

13. (original) A helicopter according to claim 6, wherein said helicopter has a transition section and said at least one component comprises an upper door in said transition section.

14. (original) A helicopter according to claim 6, wherein each said ply is bonded to each of said first and second surfaces by an epoxy structural film adhesive.

15. (previously presented) A helicopter according to claim 14, wherein said epoxy structural film adhesive comprises a 350 degree Fahrenheit curing epoxy structural film adhesive.

16. (original) A helicopter according to claim 6, wherein said self extinguishing composite material comprises a plurality of plies of structural graphite prepreg bonded to each of said first and second surfaces by an epoxy structural film adhesive.

17. (cancelled)

18. (original) A helicopter according to claim 6, wherein each said ply is formed from a graphite cloth impregnated with an epoxy resin.

19. (currently amended) A helicopter comprising a self extinguishing composite primary structure according to claim 2, wherein said adhesive comprises a 350 degree Fahrenheit curing epoxy structural film adhesive.

20. (currently amended) A helicopter comprising a self extinguishing composite primary structure according to claim 3,

wherein said adhesive comprises a 350 degree Fahrenheit curing epoxy structural film adhesive.

21. (previously presented) A helicopter comprising:

at least one component for allowing at least one of human access to and egress from at least one of a cabin and a cockpit section of said helicopter; and

said at least one component formed from a self extinguishing composite material comprising a core formed from a fire resisting material, which core has a plurality of honeycomb cells and a fire resisting material in said cells and has a first surface and a second surface, and at least one ply of a structural graphite prepreg material bonded to the first surface and at least one ply bonded to the second surface.

22. (new) A helicopter according to claim 6, wherein:

said at least one component comprises an outer skin panel in a cockpit section of said helicopter, an upper cabin door in a cabin section of said helicopter, a lower cabin door in said cabin section, at least one floor panel in said cabin section, at least one emergency egress hatch in said cabin section, and an upper door in a transition section; and

said lower cabin door including a plurality of steps and each of said steps being formed from said self extinguishing composite material.